

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E80431

Participation : CTR

Employer : GE

Status : Affected

Worksite : GE Grid Solutions

Survey Type : Online

Street : 10865 Willows Rd Ne Bldg E

Response Rate : 54%

Jurisdiction : City of Redmond

Survey Date : 6/14/2017

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 36.9%

Drive Alone Rate : 63.1%

One-Way VMT per employee : 9.9

Average One-Way distance home to work : 14.1

Employees and Survey Response Information

Reported Total Employees at Worksite: 340

Surveys Distributed : 340

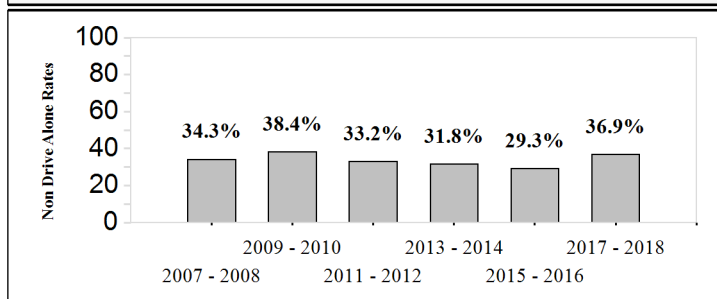
Surveys Returned : 183

Surveys Returned by CTR Affected* Employees : 166

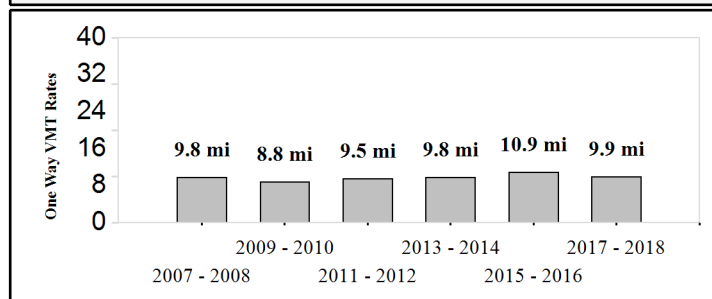
Total Estimated CTR Affected Employees at Worksite : 308

**CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.*

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO₂e Pounds CO₂e

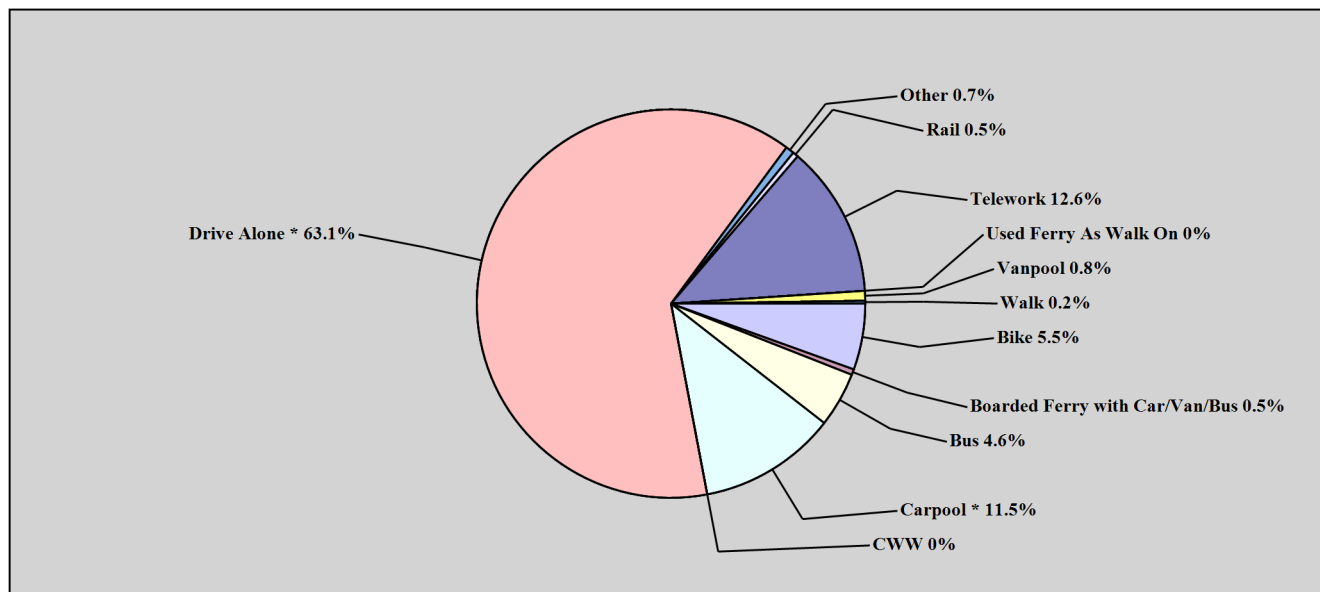
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	34.3%	36.5%	448	617	16.0	9.8	9.9
2009 - 2010	38.4%	38.5%	402	611	15.8	8.8	8.6
2011 - 2012	33.2%	34.1%	351	700	18.2	9.5	9.3
2013 - 2014	31.8%	31.8%	656	926	24.0	9.8	10.0
2015 - 2016	29.3%	30.2%	605	1031	26.7	10.9	11.3
2017 - 2018	36.9%	37.2%	376	698	18.1	9.9	10.3
Target	40.3%				Target:	8.0	
% Point Change Target:	6.0				% Change Target:	-18.0%	
% Point Change from Baseline:	2.6				% Change from Baseline:	1.0%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



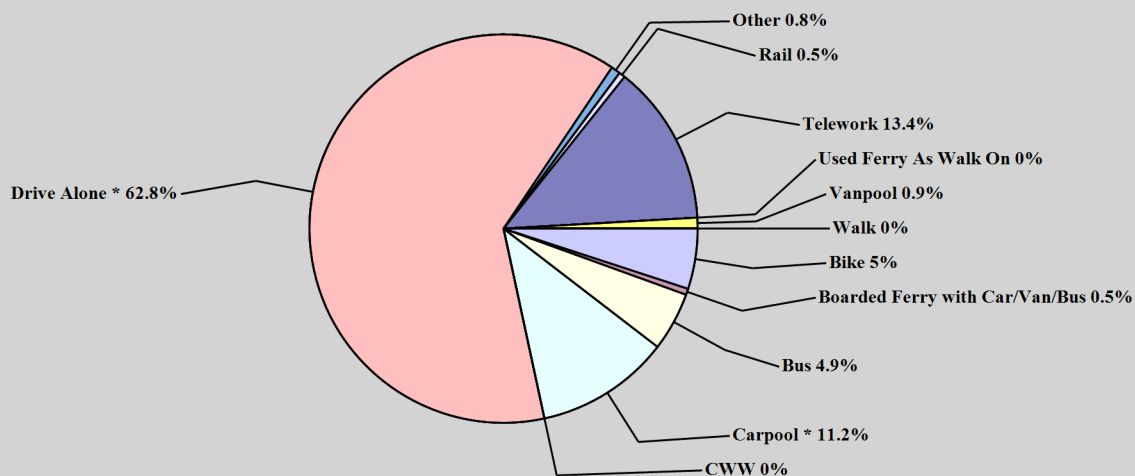
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	539	63.1%	70.7%	146	79.8%	88.1%
Carpool *	98	11.5%	11.1%	35	19.1%	21.5%
Vanpool	7	0.8%	1.7%	2	1.1%	3.0%
Bus	39	4.6%	2.0%	14	7.7%	3.7%
Rail	4	0.5%	0.2%	1	0.5%	0.7%
Bike	47	5.5%	6.0%	18	9.8%	11.1%
Walk	2	0.2%	1.1%	1	0.5%	2.2%
Telework	108	12.6%	6.4%	74	40.4%	23.7%
CWW	0	0.0%	0.1%	0	0.0%	0.4%
Boarded Ferry with Car/Van/Bus	4	0.5%	0.4%	2	1.1%	0.7%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	6	0.7%	0.2%	2	1.1%	1.1%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	488	62.8%	69.8%	129	77.7%	87.7%
Carpool *	87	11.2%	11.4%	30	18.1%	22.4%
Vanpool	7	0.9%	2.1%	2	1.2%	3.5%
Bus	38	4.9%	1.9%	13	7.8%	3.5%
Rail	4	0.5%	0.3%	1	0.6%	0.9%
Bike	39	5.0%	5.9%	15	9.0%	11.0%
Walk	0	0.0%	1.4%	0	0.0%	2.6%
Telework	104	13.4%	6.6%	70	42.2%	24.6%
CWW	0	0.0%	0.1%	0	0.0%	0.4%
Boarded Ferry with Car/Van/Bus	4	0.5%	0.5%	2	1.2%	0.9%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	6	0.8%	0.2%	2	1.2%	0.9%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	59	32%	183	100%
1 Days	48	26%	124	68%
2 Days	24	13%	76	42%
3 Days	15	8%	52	28%
4 Days	12	7%	37	20%
5 Days	24	13%	25	14%
6 or More Days	1	1%	1	1%

Count by Occupancy of Carpools and Vanpools

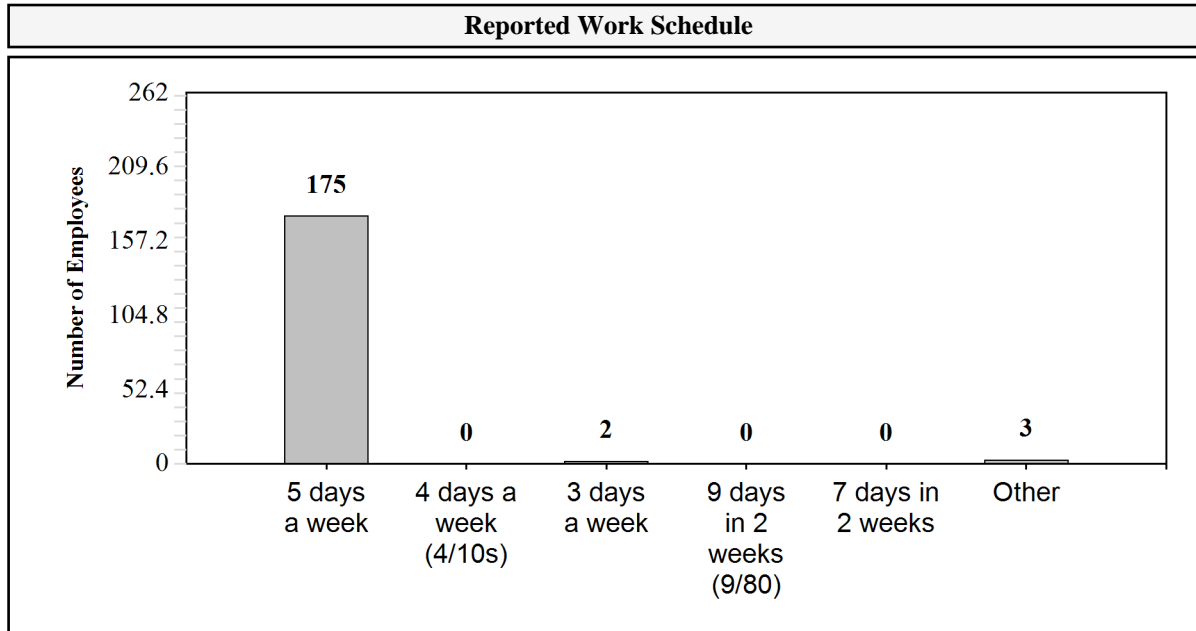
Q.4 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	90
3	Carpool	8
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	4
5	Vanpool	3
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

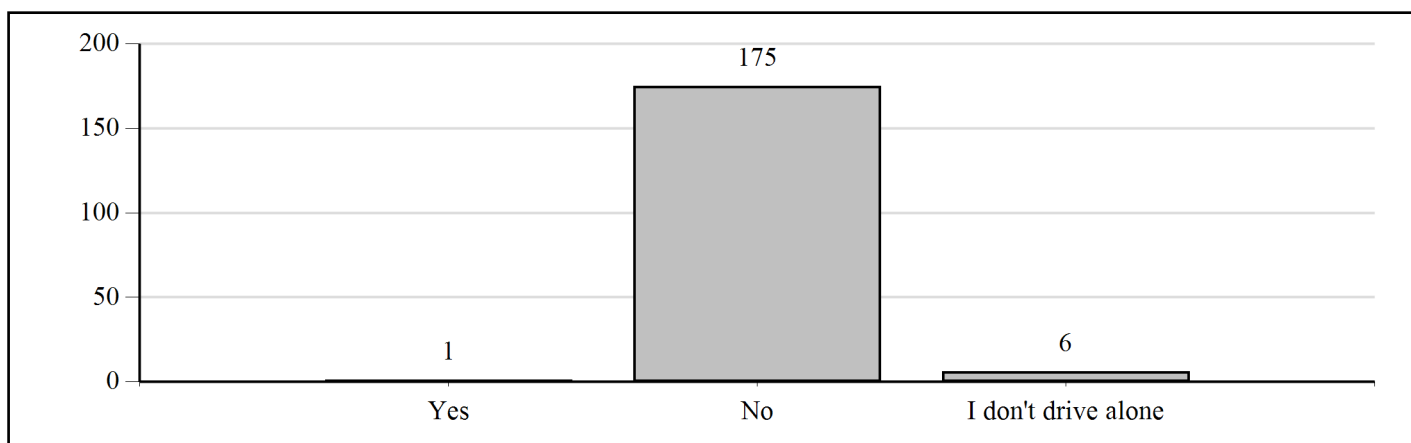
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	175	97.2%
4 days a week (4/10s)	0	0%
3 days a week	2	1.1%
9 days in 2 weeks (9/80)	0	0%
7 days in 2 weeks	0	0%
Other	3	1.7%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	1	0.5%
I don't telework	36	19.7%
Occasionally, on an as-needed basis	60	32.8%
1-2 days/month	16	8.7%
1 day/week	51	27.9%
2 days/week	16	8.7%
3 days/week	3	1.6%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Financial incentives for carpooling, bicycling or walking.	85	20.0%
I have the option of teleworking	80	18.8%
Personal health or well-being	62	14.6%
Environmental and community benefits	60	14.1%
To save money	57	13.4%
Free or subsidized bus, train, vanpool pass or fare benefit	21	4.9%
To save time using the HOV lane	20	4.7%
Other	15	3.5%
Driving myself is not an option	9	2.1%
Emergency ride home is provided	6	1.4%
Preferred/reserved carpool/vanpool parking is provided	5	1.2%
Cost of parking or lack of parking	3	0.7%
I receive a financial incentive for giving up my parking space	2	0.5%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	147	32.5%
I like the convenience of having my car	125	27.6%
Family care or similar obligations	52	11.5%
Bicycling or walking isn't safe	41	9.1%
Other	40	8.8%
My commute distance is too short	31	6.8%
I need more information on alternative modes	10	2.2%
My job requires me to use my car for work	6	1.3%
There isn't any secure or covered bicycle parking	1	0.2%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98052	22	12.02%	64	20	0	4	4	0	5	2	8	0	0	0	0
98034	10	5.46%	31	0	0	0	1	0	14	0	3	0	0	0	0
98072	10	5.46%	26	5	0	0	0	0	12	0	1	0	0	0	0
98011	8	4.37%	27	4	0	0	3	0	1	0	2	0	0	0	0
98027	7	3.83%	29	0	0	0	0	0	0	0	6	0	0	0	0
98004	6	3.28%	15	0	0	0	1	0	0	0	5	0	0	0	0
98007	6	3.28%	14	6	0	0	6	0	0	0	1	0	0	0	0
98021	6	3.28%	18	6	0	0	0	0	2	0	4	0	0	0	0
98033	6	3.28%	19	2	0	0	0	0	5	0	4	0	0	0	0
98006	5	2.73%	22	0	0	0	0	0	0	0	3	0	0	0	0
98122	5	2.73%	13	0	0	0	3	0	0	0	1	0	0	0	0
98019	4	2.19%	9	8	0	0	0	0	0	0	3	0	0	0	0
98059	4	2.19%	8	4	0	0	0	0	0	0	3	0	0	0	0
98074	4	2.19%	11	4	0	0	0	0	0	0	0	0	0	0	0
98077	4	2.19%	14	0	0	0	0	0	4	0	1	0	0	0	0
98005	3	1.64%	11	1	0	0	0	0	0	0	3	0	0	0	0
98008	3	1.64%	9	3	0	0	0	0	2	0	2	0	0	0	0
98012	3	1.64%	12	1	0	0	0	0	0	0	1	0	0	0	0
98028	3	1.64%	9	0	0	0	3	0	0	0	1	0	0	0	0
98029	3	1.64%	14	0	0	0	0	0	0	0	1	0	0	0	0
98038	3	1.64%	11	0	0	0	0	0	0	0	4	0	0	0	0
98042	3	1.64%	8	0	0	0	0	0	0	0	7	0	0	0	0
98075	3	1.64%	15	0	0	0	0	0	0	0	0	0	0	0	0
98115	3	1.64%	11	0	0	2	0	0	0	0	2	0	0	0	0
98258	3	1.64%	8	4	0	0	0	0	0	0	1	0	0	0	0
98272	3	1.64%	7	6	0	0	0	0	0	0	2	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98002	2	1.09%	0	8	0	0	0	0	0	0	2	0	0	0	0
98023	2	1.09%	0	0	7	0	0	0	0	0	3	0	0	0	0
98065	2	1.09%	3	0	0	0	0	0	0	0	1	0	0	0	0
98102	2	1.09%	1	0	0	0	9	0	0	0	0	0	0	0	0
98103	2	1.09%	9	0	0	0	0	0	0	0	1	0	0	0	1
98119	2	1.09%	6	0	0	0	0	0	0	0	4	0	0	0	0
98125	2	1.09%	7	1	0	0	0	0	0	0	2	0	0	0	0
98208	2	1.09%	8	0	0	0	0	0	2	0	0	0	0	0	0
	1	0.55%	0	0	0	0	0	0	0	0	5	0	0	0	0
60015	1	0.55%	0	0	0	0	0	0	0	0	0	0	0	0	5
89011	1	0.55%	5	0	0	0	0	0	0	0	0	0	0	0	0
98024	1	0.55%	5	0	0	0	0	0	0	0	0	0	0	0	0
98031	1	0.55%	4	0	0	0	0	0	0	0	1	0	0	0	0
98036	1	0.55%	0	5	0	0	0	0	0	0	0	0	0	0	0
98040	1	0.55%	5	0	0	0	0	0	0	0	0	0	0	0	0
98047	1	0.55%	4	0	0	0	0	0	0	0	1	0	0	0	0
98056	1	0.55%	0	5	0	0	0	0	0	0	0	0	0	0	0
98101	1	0.55%	4	0	0	0	0	0	0	0	0	0	0	0	0
98109	1	0.55%	5	0	0	0	0	0	0	0	0	0	0	0	0
98112	1	0.55%	0	0	0	0	4	0	0	0	1	0	0	0	0
98117	1	0.55%	4	0	0	0	0	0	0	0	1	0	0	0	0
98126	1	0.55%	0	0	0	0	5	0	0	0	0	0	0	0	0
98136	1	0.55%	5	0	0	0	0	0	0	0	0	0	0	0	0
98144	1	0.55%	0	2	0	0	0	0	0	0	0	0	0	0	0
98155	1	0.55%	2	1	0	0	0	0	0	0	1	0	0	0	0
98223	1	0.55%	4	0	0	0	0	0	0	0	1	0	0	0	0
98225	1	0.55%	1	2	0	0	0	0	0	0	2	0	0	0	0
98270	1	0.55%	4	0	0	0	0	0	0	0	1	0	0	0	0
98271	1	0.55%	4	0	0	0	0	0	0	0	1	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98290	1	0.55%	4	0	0	0	0	0	0	0	1	0	0	0	0
98296	1	0.55%	3	0	0	0	0	0	0	0	0	0	0	0	0
98312	1	0.55%	0	0	0	0	0	0	0	0	4	0	1	0	0
98367	1	0.55%	0	0	0	0	0	0	0	0	2	0	3	0	0
98371	1	0.55%	0	0	0	0	0	4	0	0	1	0	0	0	0
98374	1	0.55%	1	0	0	0	0	0	0	0	3	0	0	0	0